Date Printed: 07/21/2015 10:37

OAK RIDGE NATIONAL LABORATORY
Managed by UT-Battelle for the Department of Energy

Daily Summary Report

Site: Tower "K" (1208)

7/20/2015

Interval: 001h

	01_TempC_010m	02_TempC_060m	03_TempF_010m	04_TempF_060m	05_VT_Grad	06_DewPtC_010m	07_DewPtF_010m	08_RH_010m	09_AbsHum_010m
Hour	DEGC	DEGC	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	25.3	25.2	77.5	77.4	-.1	24.7	76.5	99.8	22.7
01:00	24.6	24.7	76.3	76.4	.1	24.1	75.4	100.4	22.0
02:00	24.0	24.0	75.2	75.1	.0	23.6	74.5	100.7	21.3
03:00	24.0	23.8	75.2	74.9	-.2	23.6	74.5	100.7	21.3
04:00	23.9	23.6	74.9	74.4	-.3	23.5	74.3	101.0	21.2
05:00	23.4	23.2	74.2	73.7	-.3	23.1	73.6	101.1	20.8
06:00	23.3	23.1	74.0	73.5	-.2	23.0	73.4	101.2	20.6
07:00	23.4	23.2	74.2	73.7	-.3	23.2	73.7	101.3	20.8
08:00	23.7	23.3	74.7	73.9	-.4	23.4	74.1	100.8	21.0
09:00	25.2	23.9	77.4	75.1	-1.3	23.0	73.5	90.9	20.6
10:00	27.4	25.4	81.2	77.7	-1.9	21.6	71.0	73.3	18.8
11:00	29.8	28.1	85.6	82.5	-1.7	21.3	70.3	62.3	18.2
12:00	30.7	29.1	87.2	84.4	-1.6	21.9	71.4	61.4	18.9
13:00	31.4	30.1	88.6	86.1	-1.4	22.1	71.7	59.6	19.0
14:00	32.2	30.7	90.0	87.3	-1.5	22.4	72.4	58.4	19.4
15:00	25.6	26.1	78.1	79.0	.5	21.0	69.8	79.8	18.2
16:00	22.0	23.0	71.7	73.5	1.0	21.7	71.1	100.7	19.1
17:00	21.9	22.6	71.4	72.6	.7	21.6	70.8	100.9	19.0
18:00	22.4	22.4	72.3	72.3	.0	22.1	71.8	101.1	19.6
19:00	22.2	22.3	72.0	72.2	.1	22.0	71.6	101.2	19.4
20:00	22.3	22.3	72.2	72.2	.0	22.0	71.7	101.2	19.5
21:00	22.1	22.2	71.8	72.0	.1	21.9	71.4	101.1	19.3
22:00	22.0	22.0	71.6	71.6	.0	21.7	71.1	101.2	19.1
23:00	21.8	21.8	71.3	71.2	.0	21.6	70.8	101.2	19.0
Avg	24.8	24.4	76.6	75.9	-.4	22.5	72.5	91.7	20.0
Max	32.2	30.7	90.0	87.3	1.0	24.7	76.5	101.3	22.7
Hr. of Max	14	14	14	14	16	00	00	07	00
Min	21.8	21.8	71.3	71.2	-1.9	21.0	69.8	58.4	18.2
Count	24	24	24	24	24	24	24	24	24
Total									

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	10_Mix_Ratio_010m	_Sat_Mix_Ratio_01(	12_Vapor Pr_010m	3_Sat Vapor Pr_010r	14_LHV_010m	15_Precip_mm	16_Precip_In	17_PrecipSum	18_Solar_Rad_Wm2
Hour	None	None	KPa	None	None	MM	INCHES	INCHES	W/M2
00:00	0.0205	0.0205	31.2	32.3	2431201.4	.0	.00	.00	-2.7
01:00	0.0198	0.0197	30.2	31.0	2432899.6	.0	.00	.00	-2.4
02:00	0.0191	0.019	29.2	29.9	2434293.8	.0	.00	.00	-2.6
03:00	0.0192	0.019	29.3	30.0	2434244.7	.0	.00	.00	-2.3
04:00	0.019	0.0189	29.1	29.7	2434644.0	.0	.00	.00	-2.5
05:00	0.0186	0.0184	28.4	28.9	2435620.7	.0	.00	.00	-2.4
06:00	0.0185	0.0182	28.2	28.7	2435921.0	.0	.00	.00	-.1
07:00	0.0186	0.0184	28.5	28.9	2435600.9	.0	.00	.00	44.1
08:00	0.0189	0.0187	28.8	29.4	2434923.6	.0	.00	.00	104.6
09:00	0.0185	0.0204	28.3	32.2	2431426.8	.0	.00	.00	323.7
10:00	0.017	0.0232	26.0	36.6	2426320.8	.0	.00	.00	565.5
11:00	0.0166	0.0267	25.5	42.0	2420634.2	.0	.00	.00	701.1
12:00	0.0173	0.0282	26.4	44.3	2418399.2	.0	.00	.00	676.1
13:00	0.0175	0.0294	26.8	46.2	2416641.1	.0	.00	.00	675.9
14:00	0.0179	0.0307	27.4	48.3	2414815.8	.0	.00	.00	642.2
15:00	0.0164	0.0214	25.0	33.5	2430472.5	11.4	.45	.45	90.5
16:00	0.0171	0.0169	26.1	26.6	2438932.0	9.1	.36	.36	42.8
17:00	0.0169	0.0167	25.8	26.3	2439360.8	.8	.03	.03	13.9
18:00	0.0175	0.0173	26.7	27.1	2438131.0	.0	.00	.00	17.1
19:00	0.0173	0.0171	26.5	26.9	2438449.3	.0	.00	.00	28.7
20:00	0.0174	0.0172	26.6	27.0	2438295.4	.0	.00	.00	10.4
21:00	0.0172	0.017	26.3	26.7	2438736.6	.0	.00	.00	-2.4
22:00	0.017	0.0169	26.1	26.5	2439099.1	.0	.00	.00	-2.6
23:00	0.0169	0.0167	25.8	26.2	2439478.1	.0	.00	.00	-2.9
Avg	0.0179	0.0203	27.4	31.9	2432439.3	.9	.04	.04	163.1
Max	0.0205	0.0307	31.2	48.3	2439478.1	11.4	.45	.45	701.1
Hr. of Max	00	14	00	14	23	15	15	15	11
Min	0.0164	0.0167	25.0	26.2	2414815.8	.0	.00	.00	-2.9
Count	24	24	24	24	24	24	24	24	24
Total									

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	19_Solar_Rad_Lang	20_BarPres_In	21_BarPres_Mb	22_WDir_010m	23_WDir_060m	24_VWDir_010m	25_VWDir_060m	26_Sigma_010m	27_Sigma_060m
Hour	Langleys	INHG	KPa	DEG	DEG	DEG	DEG	DEG	DEG
00:00	.00	28.92	979.3	211	253	212	253	22	8
01:00	.00	28.91	979.2	196	215	197	215	17	7
02:00	.00	28.90	978.8	225	222	224	222	23	9
03:00	.00	28.89	978.5	224	239	223	239	18	7
04:00	.00	28.89	978.3	198	214	196	214	17	7
05:00	.00	28.90	978.6	177	197	178	197	22	9
06:00	.00	28.91	979.0	211	221	210	221	20	8
07:00	.06	28.91	979.0	229	233	232	233	25	11
08:00	.15	28.92	979.3	210	232	208	232	24	11
09:00	.46	28.92	979.3	227	221	229	221	26	12
10:00	.81	28.89	978.5	219	220	223	220	28	14
11:00	1.01	28.88	977.9	204	206	205	206	38	16
12:00	.97	28.86	977.5	204	201	202	201	27	14
13:00	.97	28.85	977.1	218	221	218	221	22	13
14:00	.92	28.84	976.7	227	213	229	213	25	13
15:00	.13	28.85	976.9	247	305	262	298	50	22
16:00	.06	28.83	976.5	24	327	52	327	59	41
17:00	.02	28.85	976.8	175	150	177	150	46	53
18:00	.02	28.85	977.2	89	130	97	130	58	27
19:00	.04	28.86	977.3	97	99	96	99	36	18
20:00	.01	28.85	977.1	60	34	52	34	33	21
21:00	.00	28.84	976.8	46	17	58	17	46	31
22:00	.00	28.85	976.8	221	238	205	238	52	16
23:00	.00	28.85	976.9	208	205	213	205	45	20
Avg	.23	28.88	977.9	203	219	0	0	32	17
Max	1.01	28.92	979.3	247	327	262	327	59	53
Hr. of Max	11	09	09	15	16	15	16	16	17
Min	.00	28.83	976.5	24	17	52	17	17	7
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	28_RWSpd_010m	29_RWSpd_060m	30_WSpd_010m	31_WSpd_060m	32_WSpdms_010m	33_WSpdms_060m	36_PkWsH_010m	37_PkWsH_060m
Hour	MPH	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH
00:00	1.6	1.9	1.7	1.8	.8	.8	4.1	4.6
01:00	1.9	3.7	2.1	3.7	.9	1.7	4.6	5.3
02:00	1.6	3.5	1.7	3.4	.8	1.6	4.1	4.8
03:00	2.1	3.7	2.2	3.6	1.0	1.6	5.3	7.0
04:00	2.3	2.3	2.4	2.3	1.1	1.1	5.7	8.0
05:00	2.6	3.4	2.8	3.3	1.2	1.5	6.9	9.0
06:00	2.4	2.9	2.5	2.8	1.1	1.3	6.6	9.0
07:00	1.9	2.1	2.1	2.4	.9	1.1	5.0	8.0
08:00	2.4	2.7	2.6	3.0	1.2	1.3	6.9	8.5
09:00	2.7	3.6	3.0	4.0	1.3	1.8	8.0	4.6
10:00	3.1	4.5	3.7	5.0	1.7	2.3	8.7	6.9
11:00	2.2	3.2	2.7	3.5	1.2	1.5	7.6	5.7
12:00	3.2	4.2	3.5	4.5	1.6	2.0	10.3	5.7
13:00	4.4	5.5	4.8	6.0	2.2	2.7	11.4	10.1
14:00	5.6	5.7	6.2	5.7	2.8	2.6	15.3	11.7
15:00	3.4	2.6	7.1	9.0	3.2	1.2	15.5	16.3
16:00	2.0	6.6	4.5	7.0	2.0	3.3	19.0	.5
17:00	2.1	5.6	3.3	6.0	1.5	2.8	11.9	.0
18:00	.4	3.6	1.6	4.0	.7	1.8	6.2	.0
19:00	1.2	4.5	1.6	5.0	.7	2.3	5.0	.0
20:00	1.3	2.7	1.4	3.0	.6	1.4	3.0	.0
21:00	.5	.9	.6	1.0	.3	.4	2.3	.0
22:00	.4	1.8	.4	2.0	.2	.9	2.3	.0
23:00	.3	2.2	.6	2.5	.3	1.2	2.7	.0
Avg	2.7	2.7	2.7	3.9	1.2	1.7	7.4	5.2
Max	5.6	6.6	7.1	9.0	3.2	3.3	19.0	16.3
Hr. of Max	14	16	15	15	15	16	16	15
Min	.3	.9	.4	1.0	.2	.4	2.3	.0
Count	24	24	24	24	24	24	24	24
Total								